

- Cotoneaster acutifolia*, 64
 — *adpressa*, 62
 — *Davidiana*, 62
 — *Fontanesii soongorica*, 61
 — *horizontalis*, 62
 — — *adpressa*, 62
 — *lucida*, 64
 — *microphylla*, 62
 — *moupinensis*, 63
 — *multiflora*, 60
 — — *calocarpa*, 61
 — *nigra acutifolia*, 64
 — *nitens*, 63
 — *Nummularia*, 61
 — — *soongoricum*, 61
 — *obscura cornifolia*, 63
 — *racemiflora soongorica*, 61
 — — *Veitchii*, 62
 — *reflexa*, 60
 — *tenuipes*, 63
 — *vulgaris*, 62
 — — *glabrata*, 60
 — *Zabeli*, 62
Crataegus crenulata, 64
 — **kansuensis**, 58
 — — **aurantiaca**, 60
 — *Oxyacantha*, 58
 — *sanguinea*, 58
 — *Wattiana*, 58
Cryptomeria japonica, 17
Cunninghamia lanceolata, 16
Cupressus Duclouxiana, 17
 — *sempervirens*, 17
 — *torulosa*, 17
Daphne genkwa, 96
 — *Giraldii*, 96
 — *tangutica*, 97
 — *Wilsonii*, 97
Debregeasia longifolia, 38
Decumaria sinensis, 52
Deutzia albida, 50
Echinocitrus, 137
 — **Brassii**, 137
Elaeagnus angustifolia, 98
 — *hortensis angustifolia*, 98
Eleutherococcus leucorrhizus, 98
 Enumeration of the ligneous plants collected
 by J. F. Rock on the Arnold Arboretum
 expedition to Northwestern China and
 Northeastern Tibet, 4, 37, pl. 12-13
Eriolobus kansuensis, 70
Eurotia ceratoides, 38
Eurya Weissiae, 128
Evonymus alata aperta, 87
Evonymus Giraldii angustialata, 88
 — — *ciliata*, 88
 — *nanoides*, 87
 — *phellomana*, 87
 — *Przewalskii*, 88
Exchorda Giraldii, 58
Ficus Baileyi, 37
Forsythia Giraldiana, 109
 — *Giraldii*, 109
 — *suspensa*, 109
 Four new ligneous plants from Kwangtung,
 126
Fraxinus platypoda, 108
Ginkgo biloba, 5
Gonus amarissimus, 3
Grossularia stenocarpa, 54
Hamamelis vernalis carnea, 30
Hedera himalaica, 98
 — — *sinensis*, 98
 — *nepalensis sinensis*, 98
Hedysarum multijugum, 84
 Herbarium, The Arnold Arboretum during
 the fiscal year ended June 30, 1928, 188
Hippophae rhamnoides, 97
Hololachne songarica, 95
 HU, H. H., *Sinojackia*, a new genus of
 Styracaceae from Southeastern China, 130
Hydrangea Bretschneideri, 51
 — — *glabrescens*, 51
 — *longipes*, 51
Ilex malabarica, 87
 Illustrations of Chinese plants (review), 32
Indigofera Bungeana, 81
 — — **spinescens**, 81
Jasminum humile, 111
Juglans nigra, Abnormal fruits of, 27, fig.
Juniperus chinensis, 20
 — — **arenaria**, 20
 — — *pendula*, 20
 — *distans*, 19
 — *Fargesii*, 18
 — *formosana*, 17
 — *Franchetiana*, 17
 — *glaucescens*, 19
 — *kansuensis*, 18
 — *Przewalskii*, 18
 — *pseudosabina*, 18
 — *saltuaria*, 19, 19
 — *saltuaria*, 18
 — *squamata*, 17
 — — *Fargesii*, 17
 — — *Wilsonii*, 18
 — *tibetica*, 19
 — *zaidamensis*, 18

- Kerria japonica*, 71
Keteleeria Davidiana, 13
KOBUSKI, CLARENCE E., Leguminosae, 81
Koelreuteria paniculata, 91
 Kwangtung, Four new ligneous plants from, 126
Larix chinensis, 8
 — *Griffithii*, 8
 — *Potaninii*, 8
 — *spec.*, 8
 — *thibetica*, 8
 Leaves from a Collector's note book, 173
Lespedeza floribunda, 85
 — *formosa*, 84
 Library, The, 33
 Library, The Arnold Arboretum during the fiscal year ended June 30, 1928, 189
Limonium aureum, 108
Lindera umbellata, 48
Linnaea brachystemon, 117
Lithocarpus cathayana, 153
 — *elaegnifolia*, 151
 — *litseifolia*, 152
 — *naiadarum*, 152
 — *silvicularum*, 152
 — *synbalanos*, 152
 — *truncata*, 153
 — *variolosa*, 153
Litsea citrata, 48
 — *cubeba*, 48
 — *gracilepis*, 153
 — *sericea*, 49
 — *wushanica*, 153
Lonicera aemulans, 120
 — *chrysantha longipes*, 124
 — *coerulea*, γ 121
 — — *edulis*, 120
 — *deflexicalyx*, 124
 — *Ferdinandi*, 121
 — *heteroloba*, 123
 — *hispida*, 122
 — *infundibulum Rockii*, 122
 — *microphylla*, 120
 — *mongolica*, 115
 — *nervosa*, 123
 — *ovalis*, 125
 — *pseudoproterantha*, 121
 — *saccata*, 120
 — *Standishii lancifolia*, 121
 — *syringantha*, 117
 — *szechuanica*, 119
 — *tangutica*, 119
 — — *glabra*, 119
 — *thibetica*, 118
Lonicera trichosantha, 125
Loranthus europaeus, 38
Lycium chinense, 113
Maddenia hypoleuca, 77
Mahonia Shenii, 127
Malus baccata, 68
 — *Halliana*, 68
 — *kansuensis*, 70
 — *kansuensis* \times *toringoides*, 70
 — *toringoides*, 69
 — *transitoria*, 68, pl. 12
 — — *toringoides*, 69
Meliosma cuneifolia, 91
MERRILL, E. D., On the type of *Rhus javanica* Linnaeus, 1, pl. 10-11
Monanthocitrus, 138
 — *cornuta*, 138
 — *grandiflora*, 139
Myricaria alopecuroides, 96
 — *dahurica*, 96
 — *germanica alopecuroides*, 96
 — — *squamosa*, 96
Myrsine africana, 108
 — *semiserrata*, 108
 New species, Varieties and Combinations from the Herbarium and the Collections of the Arnold Arboretum, 29
Nitraria Schoberi, 85
 Notes, 32, 187
 Notes on Chinese Berberis, 131
Ostryopsis Davidiana, 22
PALMER, ERNEST J., A botanical trip through the Chisos Mountains of Texas, 153
 — — Leaves from a Collector's note book, 173
Paramignya Brassii, 138
Periploca calophylla, 112
Philadelphus pekinensis kansuensis, 49
 — *sericanthus*, 49
Picea asperata, 8
 — *Mastersii*, 11
 — *Maximowiczii*, 11
 — *Meyeri*, 8
 — *obovata Schrenkiana*, 10
 — *purpurea*, 12
 — *Schrenkiana*, 8, 11
 — *Watsoniana*, 11
 — *Wilsonii*, 10
Pinus Argyi, 7
 — *Armandi*, 7
 — — *Mastersiana*, 7
 — *Cavaleriei*, 7
 — *Cavendishiana*, 7
 — *densiflora*, 7

- Pinus densiflora tabuliformis*, 7
 — *excelsa chinensis*, 7
 — *funnebris*, 7
 — *Henryi*, 7
 — *koraiensis*, 7
 — *leucosperma*, 7
 — *levis*, 7
 — *mandschurica*, 7
 — *Mastersiana*, 7
 — *scipioniformis*, 7
 — *sinensis*, 7, 8
 — *tabulaeformis*, 7
 — *Thunbergii*, 7
 — *Wilsonii*, 7
Piper arbuscula, 146
 — *Brassii*, 147
 — *corylistachyopse*, 147
 — *flavifructum*, 147
 — *fragrans*, 147
 — *Melula*, 148
 — *morianum*, 148
 — *pavimentifolium*, 148
 — *pullibaccum*, 149
 — *rhizocaule*, 149
 — *rhodocarpum*, 149
 — *viridibaccum*, 150
 Pipers from New Guinea, Some nondescript,
 144
Pistacia chinensis, 86
Plectranthus discolor, 112
Podocarpus falcata R. Br., 143, pl. 14
Polygonum Auberti, 38
Potentilla biflora, 74
 — *daurica*, 73
 — — *Veitchii*, 73
 — *fruticosa*, 73
 — — *dahurica*, 73
 — — *parvifolia*, 72
 — — *Purdomii*, 73
 — — *Veitchii*, 73
 — *glabra*, 73
 — *parvifolia*, 72
 — *Salesoviana*, 74
 — *Salesovii*, 74
 — *Veitchii*, 73
Prinsepia uniflora, 81
 — *utilis*, 81
Prunus Armeniaca, 78
 — *dehiscens*, 78
 — *Padus*, 80
 — *paniculata*, 80
 — *Persica*, 78
 — *pseudocerasus*, 80
 — *pubigera Pratii*, 80
Prunus salicina, 77
 — *setulosa*, 79
 — *spec.*, 80
 — *stipulacea*, 79
 — *tangutica*, 78
 — *tomentosa*, 79
 — *triflora*, 77
Pterocarya stenoptera, 22
Pyracantha crenulata, 64
Pyrus baccata, 68
 — *kansuensis*, 70
 — *pashia*, 67
 — *ovoidea*, 67
 — *thianschanica*, 64
 — *transitoria*, 68
 — *ussuriensis ovoidea*, 67
Quercus Baronii, 26
 — *Blakei Vanioti*, 153
 — *cathayana*, 153
 — *elaeagnifolia*, 151
 — *funnebris*, 26
 — — *undulatifolia*, 26
 — *Hui*, 126
 — *liaotungensis*, 26
 — *litseifolia*, 152
 — *mongolica liaotungensis*, 26
 — *naiadarum*, 152
 — *silvicularum*, 152
 — *synbalanos*, 152
 — *truncata*, 153
 — *undulatifolia*, 26
 — *Vanioti*, 153
 — *variolosa*, 153
 REHDER, ALFRED, Abnormal fruits of *Juglans*
nigra, 27, fig.
 — — New species, varieties and combina-
 tions from the herbarium and collections
 of the Arnold Arboretum, 29
 — — and WILSON, ERNEST H., Enumeration
 of the ligneous plants collected by J. F.
 Rock on the Arnold Arboretum expedition
 to Northwestern China and Northeastern
 Tibet, 4, 37, pl. 12-13
 Revisio Aurantiacearum, II, 137
Rhamnus leptophylla, 92
 — — *scabrella*, 93
Rhododendron anthopogonoides, 101
 — *capitatum*, 102
 — *micranthum*, 103
 — *Pritzelianum*, 103
 — *Przewalskii*, 104
 — *Rockii*, 103
 — *Rosthornii*, 103
 — *rufum*, 106, pl. 13

- Rhododendron thymifolium*, 101
Rhus chinensis, 3
— *javanica*, 3
— *javanicum*, 4
— *Osbeckii*, 4
— *semialata*, 3
— — *Osbeckii*, 4
— — *Roxburghii*, pl. 11
Rhus javanica Linnaeus, On the type, 1, pl. 10-11
Ribes Giraldii, 54
— *glaciale*, 53
— *Meyeri*, 52
— *moupinense tripartitum*, 52
— *spec.*, 55
— *stenocarpum*, 54
— *Vilmorini*, 53
Rock, J. F., On the Arnold Arboretum expedition to Northwestern China and Northeastern Tibet, Enumeration of the ligneous plants collected by, 4, 37, pl. 12-13
Rosa bella, 75
— *Biondii*, 75
— *chinensis spontanea*, 74
— *Davidii*, 76
— *indica*, 74
— *macrophylla gracilis*, 74
— — *hypoleuca*, 75
— *omeiensis*, 76
— *pimpinellifolia*, 77
— *sericea*, 76
— — *aculeata eglandulosa*, 76
— — *denudata*, 76
— — *glabrescens*, 76
— — *inermis eglandulosa*, 76
— *sericea intermedia*, 76
— *sertata*, 74
— *Sorbus*, 76
— *spec.*, 75, 77
— *Sweginzowii*, 75
— *Sweginzowii*, 75
— *Webbiana*, 74
— *Willmottiae*, 76
— *xanthina*, 77
— *xanthinoides*, 77
Rubus amabilis, 71
— *corchorifolius*, 71
— *idaeus strigosus*, 72
— *pileatus*, 71
— *xanthocarpus*, 71
Rutaceae-Aurantiaeae from Papua, Two new genera and new combinations of, 137
Sabia Ritchieae, 91
Sabina kansuensis, 18
— *Przewalskii*, 18
— *tibetica*, 19
— *zaidamensis*, 18
Sageretia theezans, 92
Sarcozygium xanthoxylum, 85
Schizostachyum Brassii, 144
Sibiraea laevigata angustata, 57
Sinojackia, 130
— *xylocarpa*, 130
Sinojackia, a new genus of Styracaceae from Southeastern China, 130
Smilax rubriflora, 21
— *trachypoda*, 20
Some nondescript *Pipers* from New Guinea 146
Sorbaria arborea glabrata, 58
Sorbus aperta, 66
— *hupehensis aperta*, 66
— *Koehneana*, 66
— *Prattii*, 66
— *tapashana*, 65
— *thianschanica*, 64
Spiraea alpina, 55
— *Blumei microphylla*, 55
— *canescens glaucophylla*, 56
— *gemmata*, 55
— *longigemmis*, 57
— *media sericea*, 55
— *uratensis*, 56
— *Wilsonii*, 56
Staff of the Arnold Arboretum, 1928-29, The, 192
Statice aurea, 108
Stewartia koreana, 31
Streptocaulon calophyllum, 112
Styracaceae from Southeastern China, *Sinojackia*, a new genus of, 130
Symplocos Wilsonii, 108
Syringa affinis, 110
— — *Giraldi*, 110
— *amurensis pekinensis*, 110
— *Giraldi*, 110
— *microphylla*, 109
— *oblata affinis*, 110
— — *Giraldii*, 110
— *pekinensis*, 110
— *Potanini*, 109
Tamarix songarica, 95
TANAKA, TYÔZABURÔ, Two new genera and new combinations of Rutaceae-Aurantiaeae from Papua (Revisio Aurantiacearum, II), 137
Tilia Baroniana, 94

- Tilia chinensis*, 94
 Tree and shrubs at Westonbirt (review), 32
 TRELEASE, WILLIAM, Some Nondescript
 Pipers from New Guinea, 146
Tutcheria Greeniae, 129
 Two new Bamboos from New Guinea, 144
 Two new genera and new combinations of
 Rutaceae-Aurantieae from Papua, 137
 Type of *Rhus javanica* Linnaeus, On the, 1,
 pl. 10-11
Ulmus pumila, 37
Viburnum betulifolium, 115
 — — **aurantiacum**, 116
 — *buddleifolium*, 114
 — *davuricum*, 115
 — *erubescens gracilipes*, 113
 — *fragrans*, 113
 — *glomeratum*, 114
Viburnum glomeratum Rockii, 115
 — *lobophyllum*, 115
 — *mongolicum*, 115
 — *Sargenti calvescens*, 116
 — *Veitchii*, 114
Wenzelia dolichophylla, 139
 — **paludosa**, 139
Wikstroemia chamaedaphne, 96
 WILSON, ERNEST H., *Podocarpus falcata*, 143,
 pl. 14
 — — and REHDER, ALFRED, Enumeration of
 the ligneous plants collected by J. F. Rock
 on the Arnold Arboretum expedition to
 Northwestern China and Northeastern
 Tibet, 4, 37, pl. 12-13
Zanthoxylum setosum, 86
Zelkova sinica, 37
Zygophyllum xanthoxylum, 85

JOURNAL
OF THE
ARNOLD ARBORETUM

EDITED BY
ALFRED REHDER
AND
ERNEST H. WILSON

VOLUME X



LANCASTER, PA.

1929

Reprinted with the permission of the
Arnold Arboretum of Harvard University

KRAUS REPRINT CORPORATION

1967

DATES OF ISSUE

- No. 1. (pp. 1-68, pl. 15) issued March 20, 1929.
No. 2. (pp. 69-136, pl. 16, 17) issued April 22, 1929.
No. 3. (pp. 137-196, pl. 18) issued August 7, 1929.
No. 4. (pp. 197-299) issued November 12, 1929.